

AMENDMENTS

Please amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents.

In the Claims

1. (Currently amended) A method of ~~controlling unwanted inhibiting cancerous cell~~ proliferation in a subject ~~in need thereof~~ comprising:

inducing in a subject differentiation in a cancerous cell;

providing said cell with a photosensitizer (PS) comprising a porphyrin; and activating said PS,

~~whereby the cell is of the type of the cell proliferation to be controlled, thereby killing the cell and controlling the unwanted cell thereby inhibiting proliferation.~~

2. (Currently amended) The method of claim 1, wherein, the subject is a patient having a malignant or benign cancerous disorder characterized by unwanted cell proliferation a tumor, hyperplastic or neoplastic cells or malignantly transformed cells.

3. (Currently amended) The method of claim 1, wherein a the PS is administered to the subject.

4. (Currently amended) The method of claim 1, wherein a precursor of a the PS is administered to the subject.

5. (Currently amended) The method of claim 1, wherein the photosensitizer includes is chlorin e6 or a chlorin derivative.

6. (Cancelled)

7. (Currently amended) The method of claim 1, further comprising administration to the subject of a compound which causes the accumulation of a the PS, the formation of a the PS, or is converted to a the PS in the subject's body.

8. (Currently amended) The method of claim 1, further comprising administration to the subject of a compound which causes the accumulation of, the formation of, or which is converted to a protoporphyrin, in the subject's body.

9. (Original) The method of claim 1, wherein the PS is coupled to a targeting moiety.